LOKESH SARDANA

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in sardanalokesh

SUMMARY

I am an Applications Developer with expertise in object oriented software development using Java and Javascript. I am passionate about solving difficult problems and playing around with new open source web technologies.

EDUCATION

Indian Institute of Technology, Roorkee
Bachelor of Technology (B.Tech.) Production & Industrial Engineering 2012

D.A.V Centenary Public School, Fatehabad
High School 2007

EMPLOYMENT

ServiceNow - The Enterprise IT Cloud Company
Associate Application Developer   Mar 2014 to Current

Working in ServiceNow India's Applications Lifecycle Management (ALM) team. Responsible for development and maintenance of Software Development Life Cycle (SDLC) and Test Management modules.
Tools and technologies used:
Javascript, AngularJS, Highcharts, d3js, HTML, CSS, Apache Jelly, Rhino and Java

Oracle India
Applications Engineer   Jun 2012 to Mar 2014

Worked in Fusion PIM (Product Information Management) product from the Fusion Supply Chain Management. Fusion is an ERP application from Oracle. PIM or MDM is one of those modules in SCM (Supply Chain Management) that deals with items creation and maintenance. It provides services, interfaces and mass import of items from other applications.
The various other modules included rules, change management, items import, rules, versioning, structuring of packages, associations, item security, product publication and other services.

Tools and technologies used:
Oracle Fusion application, Oracle Enterprise Scheduler, PIM/MDM, SQL, PL/SQL, Java, J2EE, ADF, JDeveloper 11g, SQL Developer 11g, ADF-DI, UNIX, UCM.

National University of Singapore
Intern   May 2011 to Jul 2011

Research Internship at Acoustic Research Laboratory (ARL), Tropical Marine Science Institute (TMSI), National University of Singapore. Worked on the development of java based simulation framework for a team of Autonomous Underwater Vehicles (AUVs) under the project STARFISH.

PROJECTS

Capacity planning software for Reconfigurable Manufacturing System (2011-12)

(Indian Institute of Technology Roorkee, Bachelor Thesis Project): A MATLAB software model was developed for obtaining
optimum solution for the capacity management problem in a firm facing stochastic demand using Reconfigurable Manufacturing Systems using evolutionary algorithms: Elitist Non-dominated
Pareto Evolutionary Algorithm 2 (SPEA-2), using MATLAB.

Miniature robot for biopsy and in-vivo surgery (2012)

(Department of Science and Technology, Govt. of India, sponsored project): Successfully designed and developed controlling drivers of an in-vivo robot for taking a biopsy sample inside the stomach and implemented on a 4-scale model to demonstrate the possibility of using the developed robot for in-vivo surgery with four degrees of freedom. The task involved developing the inverse kinematics model in MATLAB and implementing by writing C/C++ code for Arduino ATMega328 microcontroller to control encoded actuators.

SKILLS

Java, Java Enterprise Edition, SQL, PL/SQL, ADF, JavaScript, AngularJS, Android SDK, HTML, Shell Scripting, d3.js, Scrum, ServiceNow, Git, JSON, XML, Web Services, CSS, ExpressJS, MongoDB

AWARDS

The 4th International Conference on Integrated Modeling and Analysis in Applied Control and Automation (IMAACA 2010)
· Best Paper Award   Oct 2010

Oracle Volunteers · Project Leader, Season of Sharing   Nov 2012 to Jan 2013
Organized a books and educational material collection drive for orphan kids in collaboration with 'Maalllu' NGO, Warangal.